

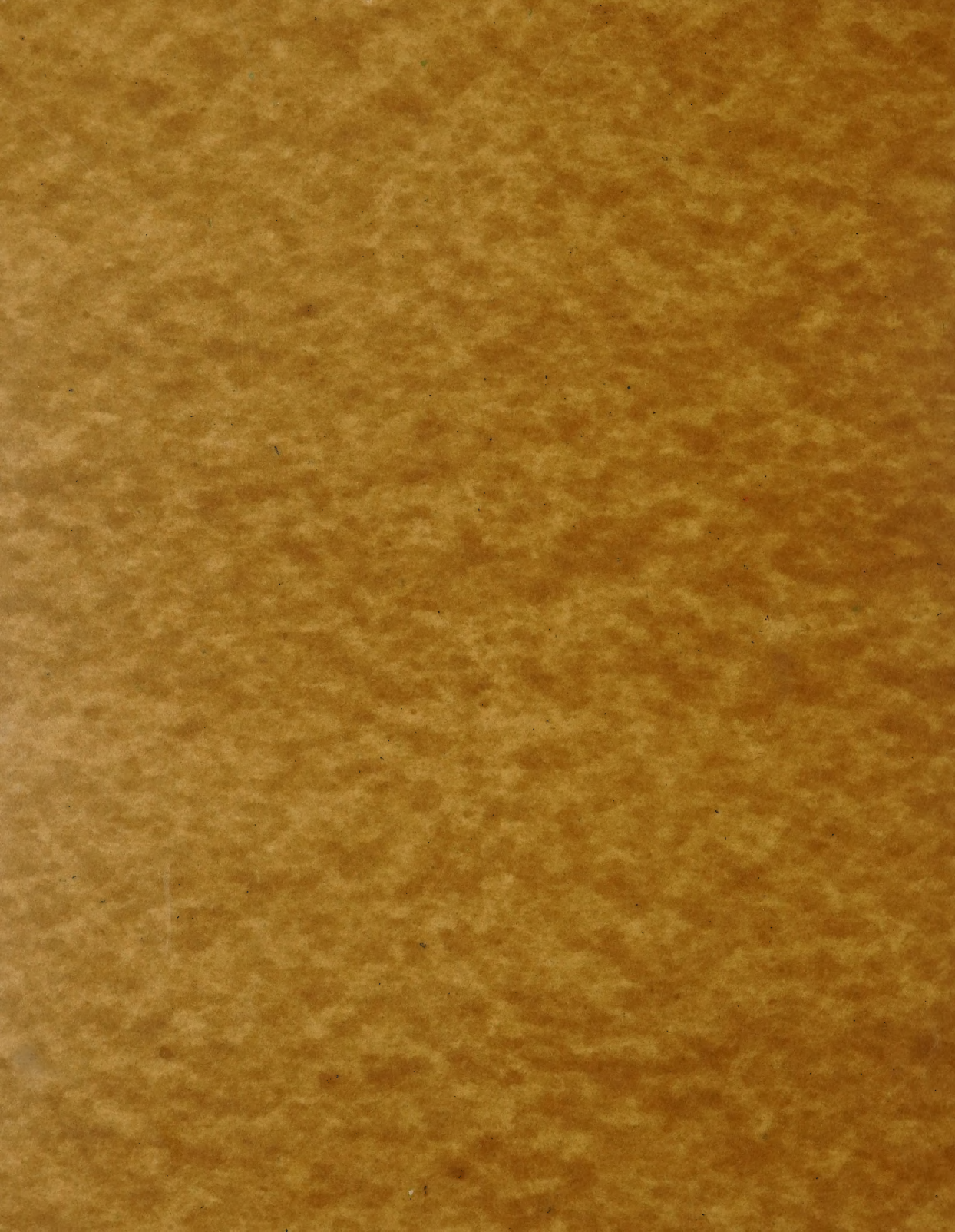
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Colorado Springs, Colo.--

Water dept.  
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Annual report





# Annual Report of the Colorado Springs Water Department.

For the Year 1925

B. B. McREYNOLDS, Superintendent

APR 22 1926

## BALANCE SHEET, DECEMBER 31, 1925

### ASSETS:

#### Fixed Property:

Water System .....	\$3,523,122.76
Buildings .....	28,150.00
Equipment and Supplies.....	45,513.25
Three-quarter interest in Colorado City Water Company .....	37,500.00
Total .....	\$3,634,286.01

#### Current:

Cash .....	\$ 35,528.03
Cash, Petty .....	59.00
Revenue Accrued but Uncollected.....	4,473.65
Emergency Appropriation .....	16,413.00
Total Assets .....	\$3,679,931.99

### LIABILITIES:

#### Deferred:

Bonds Outstanding .....	\$1,072,000.00
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#### Current:

Coupons Outstanding .....	1,948.00
Warrants Outstanding .....	3,176.94

#### Surplus:

Capital .....	2,562,286.01
Current .....	40,571.04

Total Liabilities and Surplus.....\$3,679,931.99

## STATEMENT OF INCOME, 1925

### Income:

Flat Rate Service .....	\$ 145,461.60
Meter Rate Service .....	38,257.40
Construction Fees .....	602.80
Meter Repair Service .....	2,946.09
Minor Sales .....	1,367.87
Tapping Permits .....	2,081.30
Charges vs. P. P. Hydro Electric Co.....	525.00
Colorado City Water Co.....	1,800.90
Unclassified Miscellaneous .....	330.56
Light and Power Department.....	11,548.20

Total Cash Receipts .....	\$ 204,921.72
Accrued but Uncollected .....	4,473.65
Total Income .....	\$ 209,395.37

### Expense:

General .....	10,572.66
Gravity .....	9,901.59
Distribution .....	31,965.45
Fertilization .....	4,456.72

Total .....	56,896.42
Interest on Water Bonds.....	42,870.00
Total Expense .....	99,766.42
Excess of Income Over Expense.....	109,628.95

### Transfers:

To Water Sinking Fund.....	50,000.00
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Current Surplus .....

### Additions to Capital Account:

Outlays .....	42,028.39
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Current Surplus for Year.....

Current Surplus Jan. 1, 1925.....

Charges vs. Surplus, 1925.....

Current Surplus, December 31, 1925.....\$ 40,571.04

## TABLE SHOWING ELEVATION, CAPACITY, ETC., OF RESERVOIRS OF WATER SYSTEM.

Date Const.	NAME	Cost	Elevation ft.	Outlet inches	Area acres	Depth ft.	Capacity gallons
1878	*Mesa No. 1.....	\$5,000	6,211.10	12	.32	14	1,250,000
1886	*Mesa No. 2.....	\$10,000	6,211.10	12 & 16	2.68	16	9,000,000
1904	*High Line .....	\$20,000	6,428.00	16	5.6	28	12,500,000
1891	†Lake Moraine .....	\$38,000	10,246.76	20	97	25	260,000,000
1894	†Reservoir No. 2.....	\$38,500	11,300.03	16	20	25	180,000,000
1893	†Reservoir No. 7.....	\$22,000	12,099.00	16	23.4	15.6	62,000,000
1896	†Reservoir No. 8.....	\$38,500	11,685.75	18	87.8	30.7	218,000,000
1904	†Reservoir No. 4.....	\$177,000	10,932.00	30	120.93	39	864,544,000
1904	†Reservoir No. 5.....	53,015	10,930.00	20	100.71	37	669,540,000

\*Distributing. †Storage.



In addition to the financial statement this department should have credit for water furnished free, year 1925, as follows:

#### DEPARTMENT OF SAFETY

670 Fire Hydrants @ \$30.00.....	\$ 20,100.00
Central Fire Station.....	48.00
Hose Station No. 2.....	38.00
Hose Station No. 3.....	24.00
Hose Station No. 4.....	24.00
Hose Station No. 5.....	24.00
V. Z. Reed Hose House.....	12.00
Adams Hose House.....	6.00
Patrol Barn.....	12.00
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	\$20,288.00

#### DEPARTMENT OF PUBLIC WORKS

Water Used for Street Sprinkling.....	\$ 5,400.00
Barn and Yard.....	48.00
City Hall.....	250.00
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	\$ 5,698.00

#### DEPARTMENT OF HEALTH AND SANITATION

Evergreen Cemetery.....	\$ 4,000.00
Fairview Cemetery.....	400.00
Observation Hospital.....	48.00
Flushing Sewers.....	300.00
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	\$ 4,748.00

#### PARK DEPARTMENT

North Nevada Avenue Parking.....	\$ 666.00
South Nevada Avenue Parking.....	110.00
Cascade Avenue Parking.....	137.00
Antlers Park.....	200.00
Dorchester Park.....	164.00
Thorndale Park.....	222.00
Monument Valley Park.....	1,400.00
Monument Valley Swimming Pool and Pavilion.....	300.00
Golf Course.....	1,800.00
Hidden Inn (Garden of the Gods).....	12.00
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	\$ 5,011.00

#### WATER DEPARTMENT

Sprinkling Lawns and Gardens (Domestic System).....	\$ 88,000.00
Watering Lawns, Trees and Gardens (Irrigation System).....	7,037.80
Flushing Dead Ends and Meters.....	1,000.00
Flushing Fire Hydrants.....	200.00
Public Drinking Fountains.....	3,000.00
Prospect Lake Park.....	1,000.00
Court House Park.....	500.00
Water Barn and Yard.....	24.00
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	\$100,761.80

#### PUBLIC INSTITUTIONS

Public Libraries (2).....	190.00
Auditorium.....	100.00
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	\$ 290.00

#### RECAPITULATION

Department of Safety.....	\$ 20,288.00
Department of Public Works.....	5,698.00
Department of Health and Sanitation.....	4,748.00
Park Department.....	5,011.00
Water Department.....	100,761.80
Public Institutions.....	290.00
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Total.....	\$136,796.80



ARETAKER'S RESIDENCE  
1925. W. J. J. 26





## STATISTICS OF CONSUMPTION OF WATER.

Estimated total population to date, 40,000.  
 Estimated population on lines of pipe, 39,500.  
 Estimated population supplied, 39,500.  
 Total consumption for year, 2,241,527,000 gallons.  
 Passed through supply meters: total amount.  
 Percentage of consumption metered, 17 per cent.  
 Average daily consumption, 6,141,170.  
 Gallons per day to each inhabitant, 153.  
 Gallons per day to each consumer, 155.  
 Gallons per day to each tap, 441.  
 Cost of supplying water, per million gallons, figured on total maintenance expense plus 1% of value of system as basis of depreciation \$35.00  
 Total cost of supplying water, per million gallons, figured on total maintenance, depreciation and interest charges \$51.59

Percentage of service metered: 3%.  
 Percentage of receipts from metered water: 32%.  
 Number of motor elevators added: none.  
 Number now in use: 6.  
 Number of sprinkler systems in use: 5.

Source of supply—Pikes Peak. Gravity system. Drainage area, 29 square miles.

Water in storage in our Mountain Reservoirs on December 31, 1925, and the precipitation at Lake Moraine for the year 1925.

Reservoir No. 7, gallons.....	5,000,000
Reservoir No. 8, gallons.....	12,000,000
Reservoir No. 2, gallons.....	176,000,000
Reservoir No. 4, gallons.....	325,000,000
Reservoir No. 5, gallons.....	310,000,000
Lake Moraine, gallons.....	228,000,000

Total in Mountain Reservoirs, gallons.....	1,056,000,000
Total in Mountain Reservoirs, December 31, 1924, gallons.....	1,236,000,000

In Prospect Lake and Pike View Reservoirs for Irrigation, gallons.....	50,000,000
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Total number gallons, in storage for all purposes.....	1,106,000,000
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## STATISTICS RELATING TO DISTRIBUTING.

Kind of pipe: Cast iron and steel.  
 Sizes, from 2 in. to 24 in.  
 Extended 11,583 feet during the year.  
 Discontinued, during year: 3,229 feet.  
 Total now in use: 158 miles 1,544 feet.  
 Cost of repairs per mile, \$6.51.  
 Length of pipes less than 4 in. diameter, 20 miles 1,577 feet.  
 Number of hydrants added during the year (public and private) 4.  
 Number of hydrants (public and private) now in use, 670.  
 Number of stop-gates added during year, 22.  
 Number of stop-gates now in use, 2,097.  
 Number of stop-gates smaller than 4 inches, 425.  
 Number of blow-offs: 118.  
 Range of pressure on mains, 40 to 150 pounds.  
 Number of service taps added during year: 246.  
 Number of services now in use: 13,907.  
 Number of meters added: 55.  
 Number of meters now in use: 388.

Record of precipitation at Lake Moraine, 1925, in inches:

January.....	Trace
February.....	.63
March.....	.59
April.....	.75
May.....	.69
June.....	3.05
July.....	1.94
August.....	5.08
September.....	1.37
October.....	2.22
November.....	1.35
December.....	1.03
Total.....	18.70

TABLE SHOWING AMOUNT WATER AS BY METERS, RUN THROUGH CITY'S SUPPLY LINES AND THROUGH 20-INCH HYDRO-ELECTRIC LINE.

1925	24-inch Manitou Monthly Gals.	16-inch Manitou Monthly Gals.	10-inch Manitou Monthly Gals.	10-inch Bear Creek Monthly Gals.	Total Monthly flow.	Total Daily flow.	20-inch Hydro-Elec. Monthly flow.	20-inch Hydro-Elec. Daily flow.
January.....	77,975,000	73,207,000	28,440,000	19,905,000	199,527,000	6,436,365	141,821,280	4,574,880
February.....	77,090,000	33,145,000	26,075,000	15,842,000	152,152,000	5,434,000	136,304,000	4,868,000
March.....	89,945,000	45,486,000	28,453,000	20,173,000	184,057,000	5,937,323	132,781,680	4,283,280
April.....	90,076,000	77,558,000	27,333,000	16,919,000	211,886,000	7,062,866	175,348,800	5,844,960
May.....	74,746,000	64,856,000	27,946,000	18,545,000	186,093,000	6,003,000	158,695,200	5,119,200
June.....	76,125,000	84,998,000	27,295,000	13,819,000	202,237,000	6,741,233	179,625,600	5,987,520
July.....	80,195,000	79,071,000	25,555,000	20,833,000	205,654,000	6,634,000	172,555,000	5,559,000
August.....	82,560,000	87,306,000	26,796,000	28,867,000	225,529,000	7,275,130	172,154,160	5,553,360
September.....	91,595,000	69,865,000	25,420,000	26,988,000	213,868,000	7,128,933	177,671,600	5,922,720
October.....	58,983,000	55,636,000	27,561,000	22,448,000	164,628,000	5,310,580	143,729,200	4,633,200
November.....	67,784,000	36,586,000	24,946,000	20,139,000	149,455,000	4,981,833	109,142,400	3,538,080
December.....	67,300,000	35,192,000	25,222,000	18,727,000	146,441,000	4,723,900	107,872,560	3,479,760
					2,241,527,000		1,804,701,480	



Pressboard  
Pamphlet  
Binder

Gaylord Bros. Inc.

Makers

Syracuse, N. Y.

PAT. JAN. 21, 1908



UNIVERSITY OF ILLINOIS-URBANA



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